

GILA RIVER BASIN

09505200 WET BEAVER CREEK NEAR RIMROCK, AZ

LOCATION--Lat 34° 40'29", long 111° 40'17", in NW_{1/4} SW_{1/4} sec. 24, T.15 N., R.6 E., Yavapai County, Hydrologic Unit 15060202, in Coconino National Forest, on right bank 4.5 mi northeast of Rimrock and 5.7 mi upstream from Red Tank Draw.

DRAINAGE AREA--111 mi².

PERIOD OF RECORD--Oct. 1961 to Sept. 1982 (continuous-record), Oct. 1982 to Sept. 1991 (annual maximums only), Oct. 1991 to current year.

REVISED RECORDS--WRD Ariz. 1969: Drainage area. WRD AZ-93-1, 1993.

GAGE--Water-stage recorder and concrete control. Datum of gage is 4,020 ft above sea level.

REMARKS--No estimated daily discharges. Records fair. No known diversion or regulation above station.

EXTREMES FOR PERIOD OF RECORD--Maximum discharge, 16,000 ft³/s Jan. 8, 1993, gage height, 17.21 ft from rating curve extended above 5,400 ft³/s on basis of slope-area measurement of peak flow; minimum, 5.4 ft³/s Aug. 14, 1962; July 1, 2, 5, 8, 9, 12, and 21, 1967; June 2-5, 10-12, and 28, 1993; and July 5 and 6, 1993.

EXTREMES FOR CURRENT YEAR--Peak discharges greater than base discharge of 600 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Sept 10.....	2038	*3,590	*9.77a

Minimum daily discharge, 6.3 ft³/s, Dec. 7 and June 9.

a--from highwater mark, peak occurred between 15 minute recorded gage height values

**DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.6	6.6	7.8	7.9	7.4	7.8	7.5	6.7	6.5	6.8	7.7	6.9
2	7.0	6.6	7.8	7.6	7.4	7.8	7.5	6.8	6.5	6.8	9.3	6.8
3	7.1	6.6	7.8	7.8	7.4	7.8	7.4	6.8	6.6	7.0	8.5	6.8
4	7.1	6.6	9.1	7.8	7.4	7.8	7.4	6.7	6.6	7.1	9.1	6.7
5	7.0	7.0	7.7	7.8	7.2	7.8	7.4	6.7	6.6	7.1	8.2	6.7
6	7.0	7.1	6.4	7.7	7.2	7.7	7.7	6.7	6.5	6.9	8.0	7.0
7	7.4	6.8	6.3	7.6	7.2	7.6	7.7	6.7	6.5	6.9	7.6	12
8	7.4	6.7	6.5	7.6	7.4	7.8	7.5	6.7	6.4	6.8	7.5	11
9	7.3	6.7	6.6	7.7	7.2	7.8	7.4	6.7	6.3	6.9	7.4	8.4
10	7.2	6.8	6.9	7.8	7.3	7.8	7.4	6.6	6.4	7.5	7.3	226
11	6.9	6.8	7.1	7.7	7.4	7.8	7.3	6.6	6.5	7.2	7.3	66
12	6.9	6.7	7.2	7.6	7.5	7.9	7.3	6.6	6.5	7.2	7.3	11
13	7.0	6.6	7.2	7.5	7.5	7.9	7.2	6.6	6.5	7.4	7.2	8.2
14	7.0	6.6	7.2	7.5	7.6	7.9	7.1	6.7	6.4	7.6	7.2	7.7
15	6.7	6.6	7.3	7.6	7.4	7.9	7.1	6.7	6.4	7.6	7.2	7.4
16	6.7	6.6	7.3	7.6	7.4	7.9	7.2	6.7	6.4	7.5	7.2	7.2
17	6.7	6.6	7.3	7.6	7.7	7.8	7.3	6.7	6.5	7.8	7.2	7.1
18	6.8	6.5	7.3	7.6	7.6	8.2	7.2	6.7	6.5	7.4	7.2	7.1
19	6.8	6.5	7.3	7.6	7.7	8.1	7.2	6.7	6.6	7.4	7.1	7.1
20	6.8	6.5	7.7	7.6	7.7	7.9	7.2	6.7	6.6	7.4	7.4	7.1
21	6.7	6.5	7.8	7.6	7.6	7.8	7.1	6.7	6.5	7.3	7.3	7.1
22	6.8	6.5	7.8	7.6	7.6	7.8	6.9	6.8	6.5	7.3	7.1	7.1
23	6.8	6.5	7.8	7.6	7.7	7.8	6.9	6.8	6.5	7.4	7.2	7.0
24	6.8	6.5	7.6	7.5	7.6	7.8	6.8	6.7	6.6	7.7	7.0	7.0
25	6.8	6.7	7.6	7.6	7.6	7.8	6.6	6.7	6.6	7.5	7.0	7.0
26	6.6	7.3	7.5	7.6	7.7	7.7	6.6	6.7	6.6	7.5	7.0	7.1
27	6.6	7.6	7.4	7.5	7.6	7.7	6.6	6.7	6.6	7.4	6.9	7.1
28	6.6	7.6	7.6	7.2	7.7	7.6	6.6	6.7	6.6	7.4	6.9	7.1
29	6.6	7.6	7.7	7.3	---	8.3	6.6	6.7	6.7	7.3	7.0	7.0
30	6.6	7.8	7.7	7.4	---	7.8	6.6	6.6	6.7	7.2	7.0	6.9
31	6.6	---	7.9	7.4	---	7.6	---	6.5	---	7.3	6.9	---
TOTAL	212.9	204.1	230.2	235.5	209.7	242.7	214.3	207.4	195.7	225.6	230.2	504.6
MEAN	6.868	6.803	7.426	7.597	7.489	7.829	7.143	6.690	6.523	7.277	7.426	16.82
MAX	7.4	7.8	9.1	7.9	7.7	8.3	7.7	6.8	6.7	7.8	9.3	226
MIN	6.6	6.5	6.3	7.2	7.2	7.6	6.6	6.5	6.3	6.8	6.9	6.7
AC-FT	422	405	457	467	416	481	425	411	388	447	457	1000
CFSM	0.06	0.06	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.07	0.07	0.15
IN.	0.07	0.07	0.08	0.08	0.07	0.08	0.07	0.07	0.07	0.08	0.08	0.17

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1962 - 2002, BY WATER YEAR (WY)

MEAN	13.78	14.10	29.14	41.22	66.69	104.7	66.29	10.74	6.691	8.691	10.65	11.39
MAX	231	128	253	601	438	500	433	109	9.88	28.0	75.0	81.9
(WY)	1973	1966	1979	1993	1980	1978	1973	1973	1972	1999	1992	1970
MIN	5.72	6.23	6.00	6.01	7.08	7.27	6.76	5.84	4.53	5.25	6.06	5.81
(WY)	1995	1996	1994	1994	1967	1967	1996	1993	1994	1994	1994	1994

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 1962 - 2002

ANNUAL TOTAL	6184.5	2912.9	31.78
ANNUAL MEAN	16.94	7.981	103
HIGHEST ANNUAL MEAN			1973
LOWEST ANNUAL MEAN			7.70
HIGHEST DAILY MEAN	184	Mar 8	5230
LOWEST DAILY MEAN	5.6	Jun 30	Jan 8 1993
ANNUAL SEVEN-DAY MINIMUM	5.7	Jun 28	4.2 Jun 13 1994
ANNUAL RUNOFF (AC-FT)	12270	5780	4.3 Jun 10 1994
ANNUAL RUNOFF (CFSM)	0.15	0.072	23020
ANNUAL RUNOFF (INCHES)	2.07	0.98	0.29
10 PERCENT EXCEEDS	44	7.8	3.89
50 PERCENT EXCEEDS	6.9	7.2	54
90 PERCENT EXCEEDS	6.1	6.6	7.3
			6.2